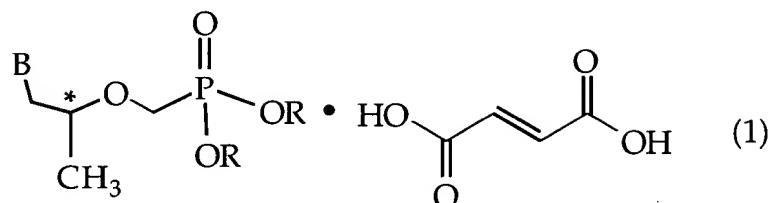


CLAIMS

We claim:

1. A composition of formula (1)

7310X



wherein B is adenin-9-yl and R independently is -H or -CH₂-O-C(O)-O-CH(CH₃)₂, but at least one R is -CH₂-O-C(O)-O-CH(CH₃)₂.

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2. The composition of claim 1 wherein both R are -CH₂-O-C(O)-O-CH(CH₃)₂.

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3. The composition of claim 1 wherein the composition is a crystalline solid.

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4. The composition of claim 1 wherein the compound is enriched or resolved at the carbon atom chiral center (*).

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5. The composition of claim 1 having an X-ray powder diffraction spectrum peak using Cu-K α radiation, expressed in degrees 2 θ at about 25.0.

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6. A composition comprising the composition of claim 1 and an acceptable excipient.

7. A composition comprising a lithium alkoxide and a 9-(2-hydroxypropyl)adenine solution.

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8. A composition comprising an (R,S)-PMPA solution at a pH of about 2.7-3.5 wherein the solution has less than about 0.1 g/mL (R,S)-PMPA and wherein about 90-94% of the PMPA is in the (R) configuration.

9. A method comprising orally administering to a patient infected with virus or at risk to viral infection a therapeutically effective amount of a composition of claim 1.

5 10. A method comprising contacting bis(POC)PMPA with fumaric acid.

11. The method of claim 10 wherein the fumaric acid is dissolved in 2-propanol.

10 12. A method comprising mixing a lithium alkoxide with a 9-(2-hydroxypropyl)adenine solution.

15 13. The method of claim 12 wherein the lithium alkoxide is an alkoxide selected from the group consisting of methoxide, ethoxide, *n*-propoxide, *i*-propoxide, *n*-butoxide, *i*-butoxide, *t*-butoxide, neopentoxide, *n*-pentoxide, *i*-pentoxide or *n*-hexoxide, *n*-heptoxide, 2-heptoxide, *n*-octoxide, 2-octoxide, typically *t*-butoxide or *i*-propoxide.

20 14. The method of claim 13 wherein the lithium alkoxide is lithium *t*-butoxide or lithium *i*-propoxide.

25 15. A method comprising adjusting the pH of a solution comprising less than about 0.08 g/mL (R,S)-PMPA wherein about 90-94% of the PMPA is in the (R) configuration to a pH of about 2.7-3.5.

30 16. A composition comprising a tablet containing 9-[2-(R)-[[bis[[isopropoxycarbonyl)oxy]methoxy]phosphinoyl]methoxy]propyl]-adenine•fumaric acid (1:1), pregelatinized starch, croscarmellose sodium, lactose monohydrate and magnesium stearate.

17. The composition of claim 16 wherein the 9-[2-(R)-[[bis[[isopropoxycarbonyl)oxy]methoxy]phosphinoyl]methoxy]propyl]-adenine•fumaric acid (1:1) is crystalline.

18. The composition of claim 16 wherein the tablet contains 75 mg 9-[2-(R)-

[[bis[[isopropoxycarbonyl)oxy]methoxy]phosphinoyl]methoxy]propyl]-

5 adenine•fumaric acid (1:1), 11 mg pregelatinized starch, 8.8 mg croscarmellose sodium, 123.6 mg lactose monohydrate and 2.2 mg magnesium stearate.

19. A product produced by the process of preparing wet granules from a mixture comprising a liquid, 9-[2-(R)-

[[bis[[isopropoxycarbonyl)oxy]methoxy]phosphinoyl]methoxy]propyl]-adenine•fumaric acid (1:1) and a pharmaceutically acceptable excipient.

20. The product of claim 19, wherein the liquid is water and the process optionally further comprises drying the wet granules.